

## INTERNATIONAL SEARCH REPORT

International application No.  
PCT/CN2004/001440

## A. CLASSIFICATION OF SUBJECT MATTER

IPC<sup>7</sup> H03L 7/06

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC<sup>7</sup> H03L 7/06

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

CNPAT: P C<sup>7</sup>

Electronic database consulted during the international search (name of database and, where practicable, search terms used)

WPI, EPODOC, PAJ, CNPAT: (cycle or duration or period) and signal and clock and synchronize and oscillator

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
<b>X</b>	US <sub>5</sub> B1,6326825(Agilent Technologies, Inc.) 04.Dec. 2001 (04.12.2001), col. 4, line 5-col. 7, line 8 and fig. 2-5.	1
A		2-30
A	US,A1,2004/0212413 (HYNLX SEMICONDUCTOR INC, LEE J J) 28.Oct.2004 (28.10.2004) The whole document	1-30

O Further documents are listed in the continuation of Box C.

☒ See patent family annex.

\* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier application or patent but published on or after the international filing date

"L" document which may throw doubts on priority claim (S) or which is cited to establish the publication date of another citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"tp" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&amp;" document member of the same patent family

Date of the actual completion of the international search  
07.Sep. 2005 (07.09.2005)

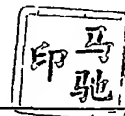
Date of mailing of the international search report  
22 · SEP 2005 (22 · G9 · 2005)

Name and mailing address of the ISA/CN  
The State Intellectual Property Office, the P.R.China  
6 Xitucheng Rd., Jimen Bridge, Haidian District, Beijing, China  
100088  
Facsimile No. 86-10-62019451

Authorized officer: A604

MA Chi

Telephone No. 86-010-62084981



INTERNATIONAL SEARCH REPORT  
Information on patent family members

International application No.  
PCT/CN2004/001440

Patent Documents referred in the Report	Publication Date	Patent Family	Publication Date
US,B 1,6326825	04.Dec. 2001 (04.12.2001)	DE,B4, 10200698	22Jan. 2004 (22.01.2004)
		DE,A1, 10200698	08.Aug.2002 (08.08.2002)
		JP,A,2002261591	13.Sep.2002 (13.09.2002)
US,A1,O212413	28.Oct. 2004(28.10.2004)	KR,A,2004091975	03.Nov. 2004(03.11.2004)